

Fig. 1A

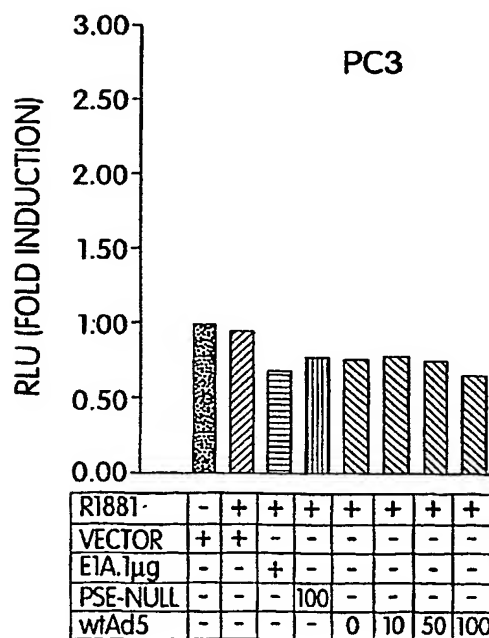
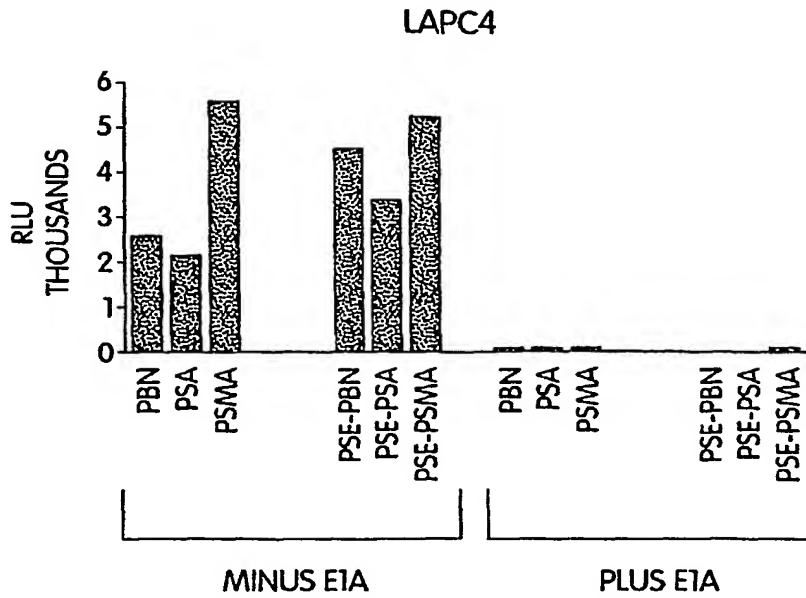
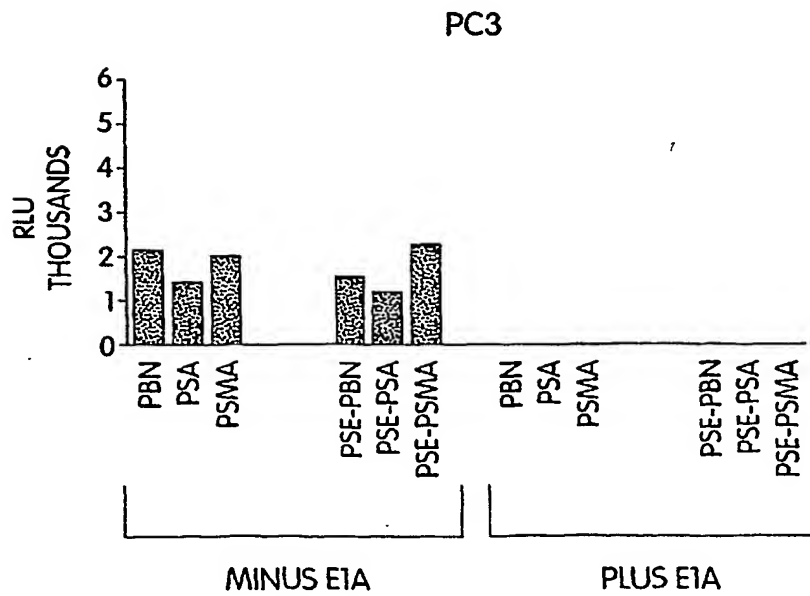


Fig. 1B

**Fig. 2A****Fig. 2B**

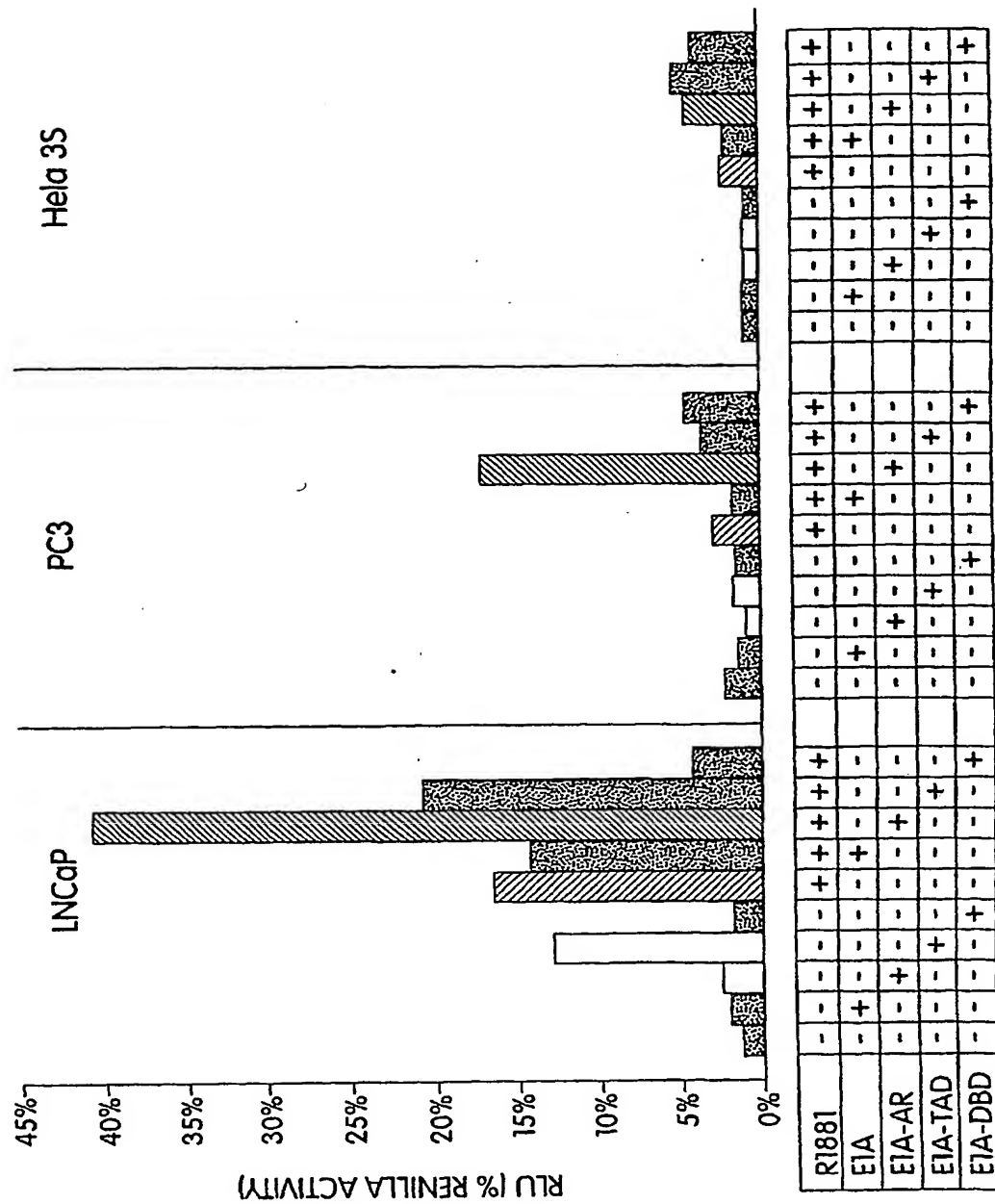


Fig. 3

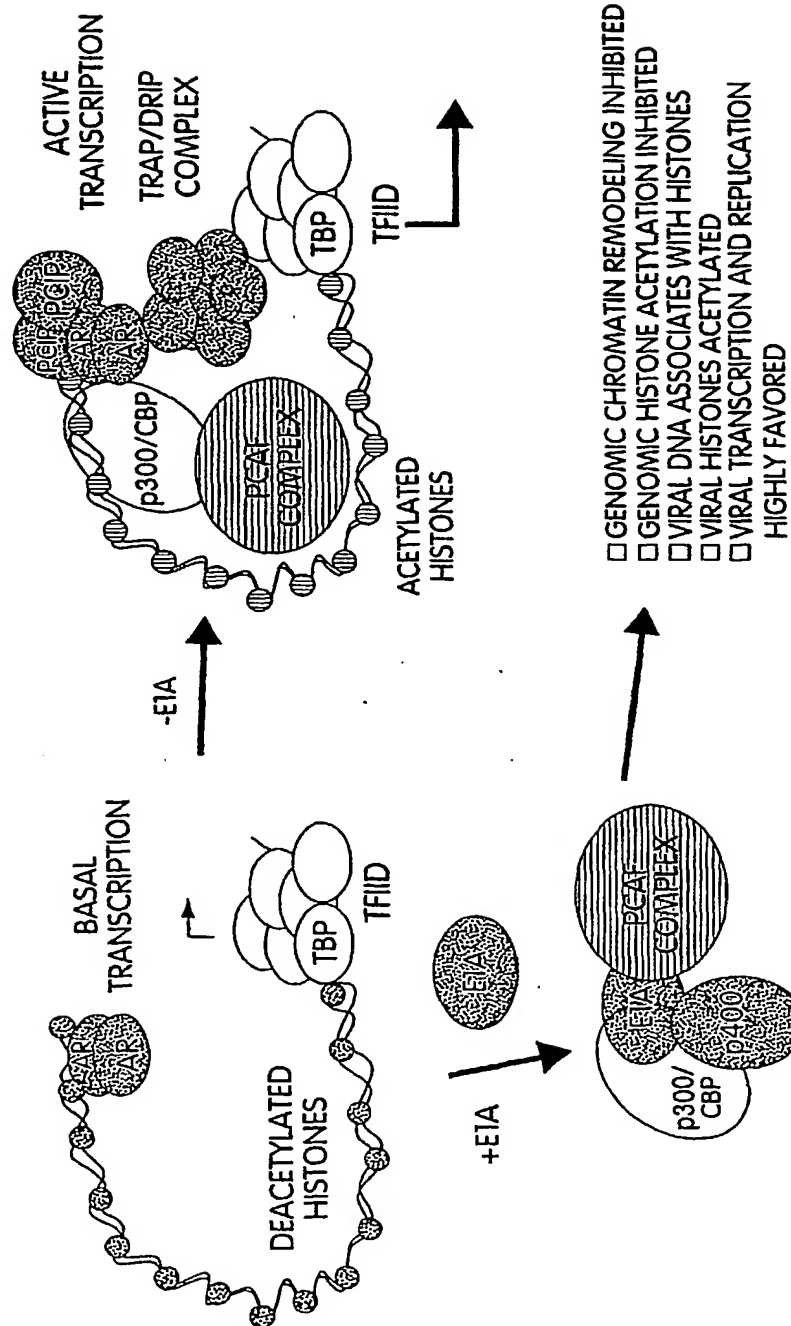


Fig. 4

THE REGULATORY EFFECT OF E1A-AR CHIMERA PROTEIN
ON PROSTATE SPECIFIC PROMOTER

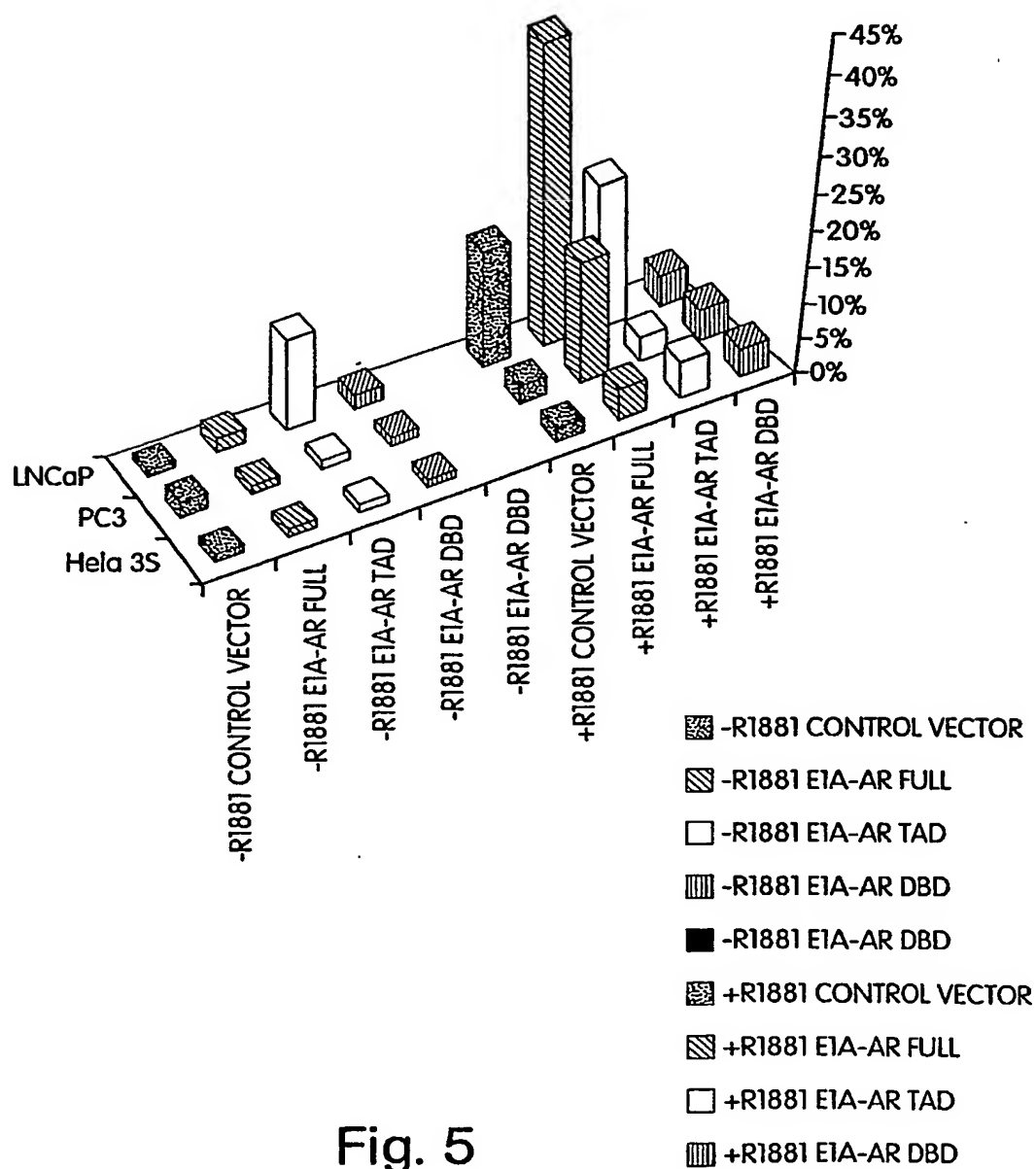


Fig. 5

SEQ ID NO: 1

LOCUS Ad5E1A-AR\full-length\fusion 3768 bp DNA

SOURCE

ORGANISM

COMMENT This file is created by Vector NTI

<http://www.informaxinc.com/>

COMMENT VNTDATE|266338450|

COMMENT VNTAUTHORNAME|Ron Rodriguez|

BASE COUNT 832 a 1062 c 1083 g 791 t

ORIGIN

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1 accgggactg aaaatgagac atattatctg ccacggaggt gttattaccg aagaaatggc
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121 ccattttgaa ccacctaccc ttacgaact gtatgattta gacgtgacgg cccccaaga
181 tcccaacgag gaggcggttt cgcagatttt tcccgaactt gtaatgttgg cgggtgcagga
241 agggattgac ttactcactt ttccgcgggc gcccggttct ccggagccgc ctccactttc
301 ccggcagccc gagcagccgg agcagagagc cttgggtccg gtttctatgc caaaccttgt
361 accggaggtg atcgatctta cctgccacga ggttggtttt ccaccagtg acgacgagga
421 tgaagagggg gaggagtttg tgtagatta tgtggagcac cccgggcacg gttgcaggtc
481 ttgtcattat caccggagga atacggggga cccagatatt atgtgttcgc tttgxtatat
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601 ggtgggtttg gtgtggtaat ttttttttta atttttacag ttttgtggtt taaagaattt
661 tgtattgtga tttttttaa aggtcctgtg tctgaacctg agcctgagcc cgagccagaa
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841 aacacacctc ctgagataca cccggtggtc ccgctgtgcc ccattaaacc agttgccgtg
901 agagtgtgtg ggcgtcgcca ggctgtggaa tgtatcgagg acttgcttaa cgagcctggg
961 caacctttgg acttgagctg taaacgcccc aggccagcgg ccgcagaagt gcagttaggg
1021 ctgggaaggg tctaccctcg gccgccgtcc aagacctacc gaggagcttt ccagaatctg
1081 ttccagagcg tgcgcgaagt gatccagaac ccgggcccc aaggaccaga ggcgcgcagc
1141 gcagcacctc ccggcgccag tttgctgctg ctgcagcagc agcagcagca gcagcagcag
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1261 cagcagcagg gtgaggatgg ttctcccaaa gccatcgta gaggccccac aggtacctg
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1381 agaggttgcg tcccagagcc tggagccgcc gtggccgcca gcaaggggct gccgcagcag
1441 ctgccagcac ctccggacga ggtgactca getgccccat ccacgttgtc cctgctgggc
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1561 agcaccatgc aactccttca gcaacagcag caggaagcag tatccgaagg cagcagcagc
1621 gggagagcga gggaggcctc gggggtccc acttctcca aggacaatta cttagggggc
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1741 ctgggtgtgg aggcgttgga gcatctgagt ccagggaac agcttcgggg ggattgcatg
1801 tacgccccac ttttgaggat tccaccgct gtgcgtccca ctcttctgct cccattggcc
1861 gaatgcaaag gttctctgct agacgacagc gcaggcaaga gcaactgaaga tactgctgag
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1981 ggcagcgtg cagcaggagg ctccgggaca cttgaactgc cgtctacctt gtctctctac
2041 aagtccggag cactggacga ggcagctgcg taccagagtc gcgactacta caactttcca
2101 ctggctctgg ccggaccgcc gcccctccg ccgcctcccc atccccacgc tcgcatcaag
2161 ctggagaacc cgctggacta cggcagcgcc tgggcggctg cggcggcgca gtgccgctat

```

Fig. 6-1

2221 ggggacctgg cgagcctgca tggcgcggggt gcagcggggac cgggttctgg gtcaccctca
2281 gccgccgctt cctcatcctg gcacactctc ttcacagccg aagaaggcca gttgtatgga
2341 ccgtgtgggtg gtggtggggg tgggtggcggc ggcggcgggcg gcggcgggcg cggcgggcggc
2401 ggcgggcgcg gcggcgggcg ggcggggagct gtagcccccct acggctacac tcggcccccct
2461 caggggctgg cggggccagga aagcgacttc accgcacctg atgtgtggta ccctggcggc
2521 atggtgagca gagtgcccta tcccagtcctt acttgtgtca aaagcgaaat gggcccccctg
2581 atggatagct actecggacc ttacggggac atgcgtttgg agactgccag ggaccatggt
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2701 tctgggtgtc actatggagc tctcacatgt ggaagctgca aggtcttctt caaaagagcc
2761 gctgaaggga aacagaagta cctgtgcgcc agcagaaatg attgcactat tgataaatc
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3001 tatgaatgtc agcccatctt tctgaatgtc ctggaagcca ttgagccagg tgtagtgtgt
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3421 atgaaagcac tgctactctt cagcattatt ccagtggatg ggctgaaaaa tcaaaaattc
3481 tttgatgaac ttcgatgaa ctacatcaag gaactcgatc gtatcattgc atgcaaaaga
3541 aaaaatccca catcctgtc aagacgcttc taccagctca ccaagctcct ggactccgtg
3601 cagcctattg cgagagagct gcatcagttc acttttgacc tgctaataca gtcacacatg
3661 gtgagcgtgg actttccgga aatgatggca gagatcatct ctgtgcaagt gcccaagatc
3721 ctttctggga aagtcaagcc catctatttc cacaccagc gactcgag

Fig. 6-2

SEQ ID NO: 2

LOCUS Ad5E1A-AR\TAD\fusion 2970 bp DNA

SOURCE

ORGANISM

COMMENT This file is created by Vector NTI

<http://www.informaxinc.com/>

COMMENT VNTDATE|266339676|

COMMENT VNTAUTHORNAME|Ron Rodriguez|

BASE COUNT 628 a 845 c 899 g 598 t

ORIGIN

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1 accgggactg aaaatgagac atattatctg ccacggaggt gttattaccg aagaaatggc
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Fig. 7-1

2161 ctggagaacc cgctggacta cggcagcgcc tgggcggctg cggcggcgca gtgcgctat
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Fig. 7-2

SEQ ID NO: 3

LOCUS Ad5E1A-AR\DBD\fusion 1305 bp DNA

SOURCE

ORGANISM

COMMENT This file is created by Vector NTI

<http://www.informaxinc.com/>

COMMENT VNTDATE|266340593|

COMMENT VNTAUTHORNAME|Ron Rodriguez|

BASE COUNT 307 a 311 c 362 g 325 t

ORIGIN

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121 ccattttgaa ccacctaccc ttacagaaact gtatgattta gacgtgacgg cccccgaaga
181 tcccaacgag gagggcggtt cgcagatctt tcccgactct gtaatgttgg cgggtgcagga
241 agggattgac ttactcaact ttccgccggc gcccggttct cgggagccgc ctcaccttcc
301 ccggcagccc gagcagccgg agcagagagc cttgggtccg gtttctatgc caaaccttgt
361 accggagggt atcgatctta cctgccacga ggctggcttt ccaccagtg acgacgagga
421 tgaagagggt gaggagtttg tgttagatta tgtggagcac cccgggcacg gttgcaggtc
481 ttgtcattat caccggagga atacggggga cccagatatt atgtgttcgc tttgctatat
541 gaggacctgt ggcattgttg tctacagtaa gtgaaaatta tgggcagtgg gtgatagagt
601 ggtgggtttg gtgtggtaat ttttttttta atttttacag ttttgtgggt taaagaattt
661 tgtattgtga tttttttaaa aggtcctgtg tctgaacctg agcctgagcc cgagccagaa
721 ccggagcctg caagacctac ccgccgtcct aaaatggcgc ctgctatcct gagacgcccg
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901 agagttggtg ggcgtcgcca ggctgtggaa tgtatcgagg acttgcttaa cgagcctggg
961 caaccttttg acttgagctg taaacgcccc aggccagcgg ccgcaaagac ctgcctgac
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1081 ttcttcaaaa gagccgctga agggaaacag aagtacctgt gcgccagcag aaatgattgc
1141 actattgata aattccgaag gaaaaattgt ccatcttgtc gtcttcggaa atgttatgaa
1201 gcagggatga ctctgggagc ccggaagctg aagaaacttg gtaatctgaa actacaggag
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Fig. 8

SEQ ID NO: 4

LOCUS 12S-ARVfull\ORF 3514 bp DNA

SOURCE

ORGANISM

COMMENT This file is created by Vector NTI

<http://www.informaxinc.com/>

COMMENT VNTDATE|268167626|

COMMENT VNTAUTHORNAME|Ron Rodriguez|

BASE COUNT 776 a 1035 c 1008 g 695 t

ORIGIN

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121 ccattttgaa ccacctaccc ttcacgaact gtatgattta gacgtgacgg cccccgaaga
181 tcccaacgag gaggcggttt cgcagatttt tcccgactct gtaatgttgg cgtgacagga
241 agggattgac ttactcactt ttccgcgcgc gcccggttct ccggagccgc ctcaccttc
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421 tgaagaggtt cctgtgtctg aacctgagcc tgagcccgag ccagaaccgg agcctgcaag
481 acctaccgc cgtcctaaaa tggcgcctgc tatcctgaga cgcccgacat cacctgtgtc
541 tagagaatgc aatagtagta cggatagctg tgactccggt ccttctaaca cactcctga
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901 cgccagtttg ctgctgctgc agcagcagca gcagcagcag cagcagcagc agcaggtga
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1141 agagcctgga gccgcccgtg ccgccagcaa ggggtgccg cagcagctgc cagcacctcc
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1921 ggactacggc agcgcctggg cggtgcggc ggcgcagtg cgtatgggg acctggcgag
1981 cctgcatggc ggggtgcag cgggaccgg ttctgggtca cctcagccg ccgcttcctc
2041 atcctggcac actctcttca cagccgaaga aggccagttg tatggaccgt gtggtggtgg
2101 tgggggtggt ggcggcgccg gcggcgccgg cggcgccggc ggcggcgccg gcggcgccgg
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Fig. 9-1

2161 cggcgaggcg ggagctgtag cccctacgg ctacactcgg cccctcagg ggcctggcggg
2221 ccaggaaagc gacttcaccg cactgatgt gtggtaccct ggcggcattg tgagcagagt
2281 gccctatccc agtcccactt gtgtcaaaag cgaaatgggc ccctggatgg atagctactc
2341 cggaccttac ggggacatgc gtttgagac tgccaggac catgttttgc ccattgacta
2401 ttactttcca cccagaaga cctgcctgat ctgtggagat gaagcttctg ggtgtcacta
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2581 tccatcttgt cgtcttcgga aatgttatga agcaggatg actctgggag cccggaagct
2641 gaagaaactt ggtaatctga aactacagga ggaaggagag gcttcagca ccaccagccc
2701 cactgaggag acaaccagca agctgacagt gtcacacatt gaaggctatg aatgtcagcc
2761 catctttctg aatgtcctgg aagccattga gccagggtga gtgtgtgctg gacacgacaa
2821 caaccagccc gactcctttg cagccttgct ctctagcctc aatgaactgg gagagagaca
2881 gcttgtacac gtggtcaagt gggccaaggc cttgcctggc ttccgcaact tacacgtgga
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3301 ctgctcaaga cgcttctacc agctaccaa gctcctggac tccgtgcagc ctattgcgag
3361 agagctgcat cagttcactt ttgacctgct aatcaagtca cacatggtga gcgtggactt
3421 tccggaaatg atggcagaga tcattctctgt gcaagtgcc aagatccttt ctgggaaagt
2481 caagcccatc tatttcaca cccagtgact cgag

Fig. 9-2

SEQ ID NO: 5

LOCUS 12S-AR\TAD\ORF 2716 bp DNA

SOURCE

ORGANISM

COMMENT This file is created by Vector NTI

<http://www.informaxinc.com/>

COMMENT VNTDATE12681677421

COMMENT VNTAUTHORNAME1Ron Rodriguez1

BASE COUNT 572 a 818 c 824 g 502 t

ORIGIN

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Fig. 10-1

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2581 tccatcttgt cgtcttcgga aatgttatga agcagggatg actctgggag cccggaagct
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2701 cactgagtga ctcgag
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Fig. 10-2

SEQ ID NO: 6

LOCUS 125-DBD\ORF 1051 bp DNA

SOURCE

ORGANISM

COMMENT This file is created by Vector NTI

<http://www.informaxinc.com/>

COMMENT VNTDATE|268064542|

COMMENT VNTAUTHORNAME|Ron Rodriguez|

BASE COUNT 251 a 284 c 287 g 229 t

ORIGIN

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Fig. 11

SEQ ID NO: 7

12S-AR FULL-LENGTH

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Fig. 12

SEQ ID NO: 8

12S-AR TAD

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Fig. 13

SEQ ID NO: 9

12S-AR-DBD

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Fig. 14

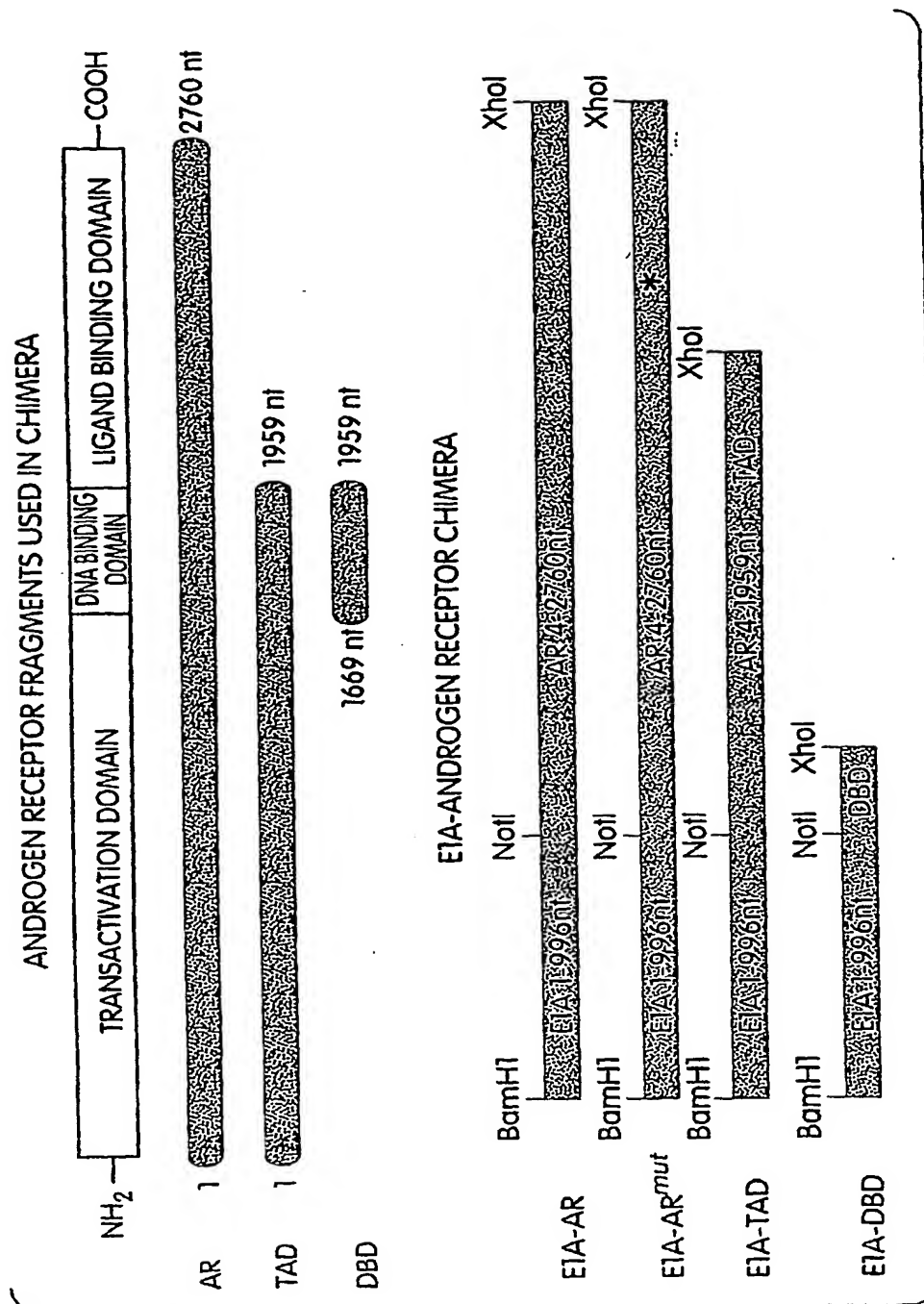


Fig.15

SEQ ID NO: 10

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Fig. 16

SEQ ID NO. 11

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Fig. 17

SEQ ID NO. 12

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Fig. 18

SEQ ID NO. 13

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Fig. 19

THE EFFECT OF GELDANAMYCIN ON AR FUNCTION IN E1A-AR
CHIMERA USING REPORTER PSE-PBN-luc
(COS-1 CELLS, 3/31/03)

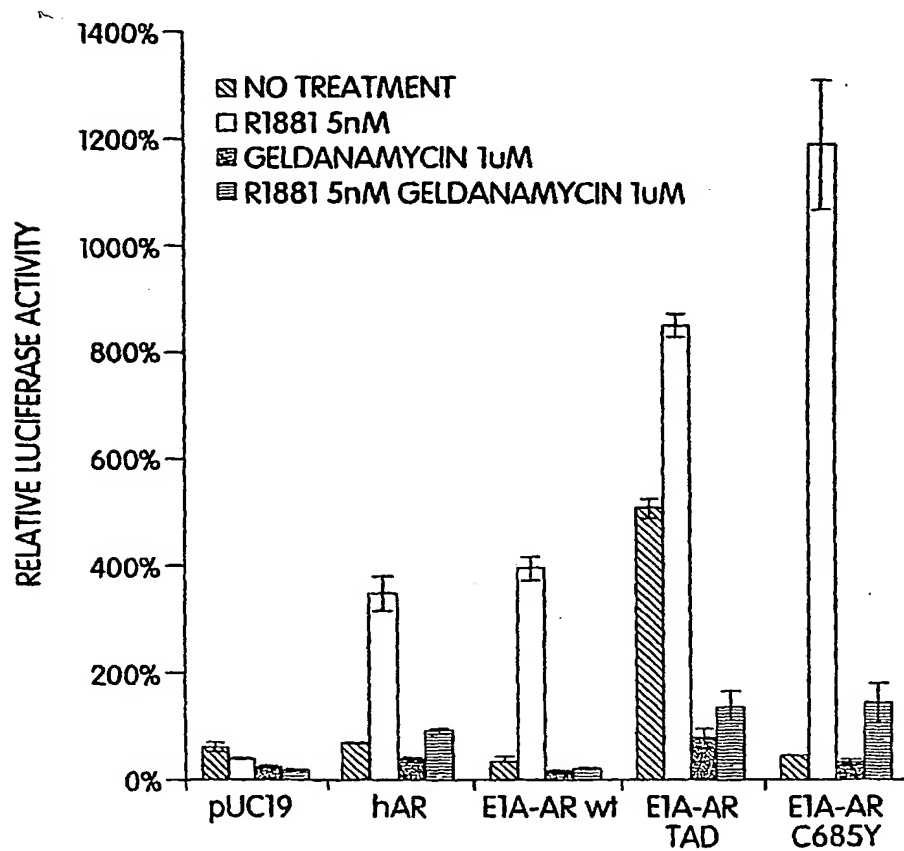


Fig. 20

THE EFFECT OF GELDANAMYCIN ON AR FUNCTION IN E1A-AR
CHIMERA USING REPORTER PSE-PBN-luc
(PC3 CELLS, 3/31/03)

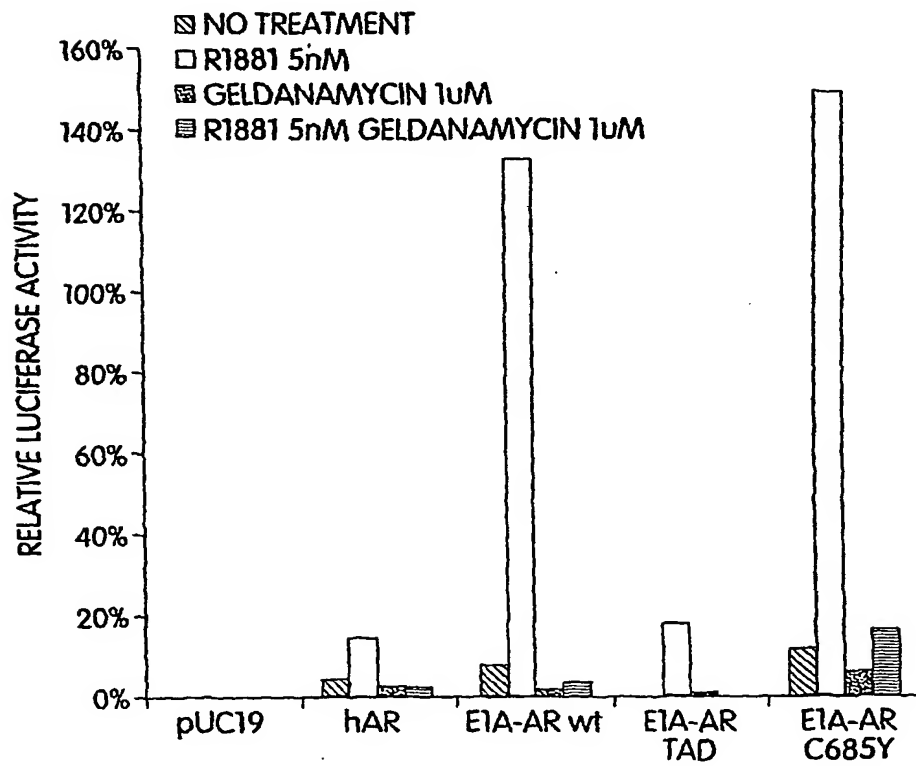


Fig. 21

INDUCTION OF EIA-AR WT AND EIA-AR C685Y
BY ANDROGEN AGONIST AND ANTAGONISTS IN PC3

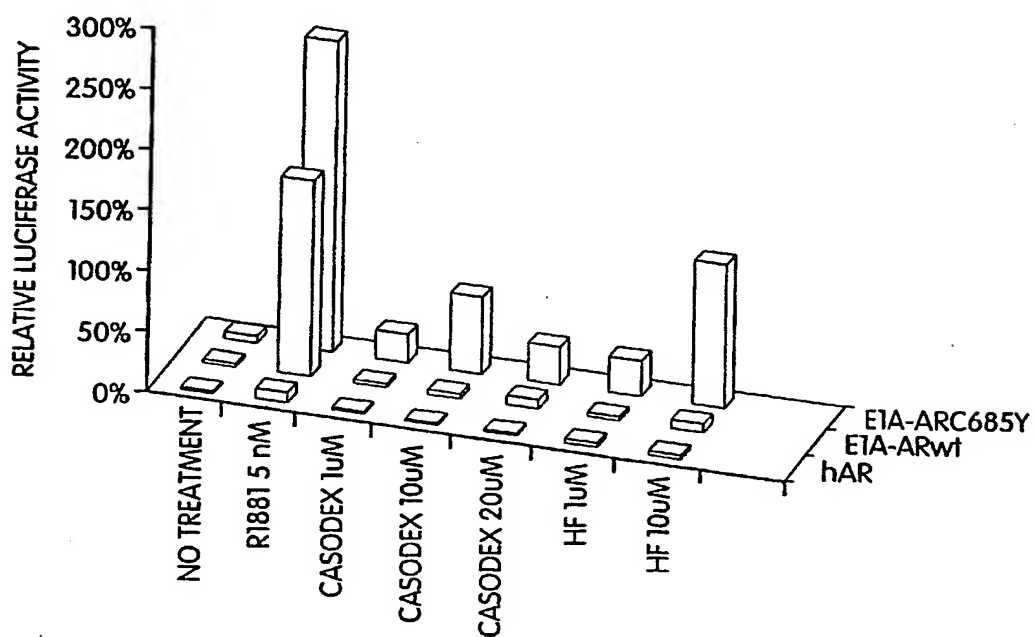


Fig. 22